

FIG. 4

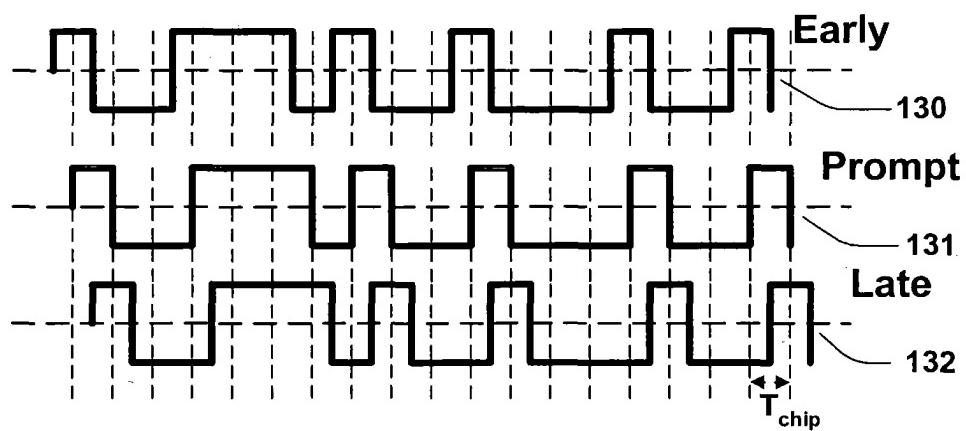


FIG. 5A

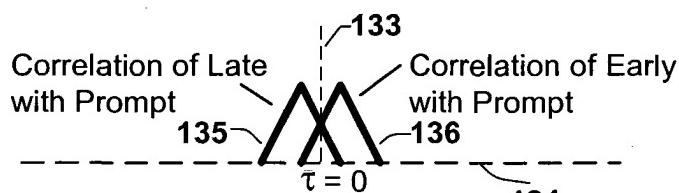


FIG. 5B

Early minus Late (E-L) correlation

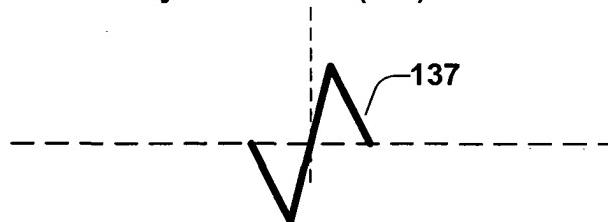


FIG. 5C

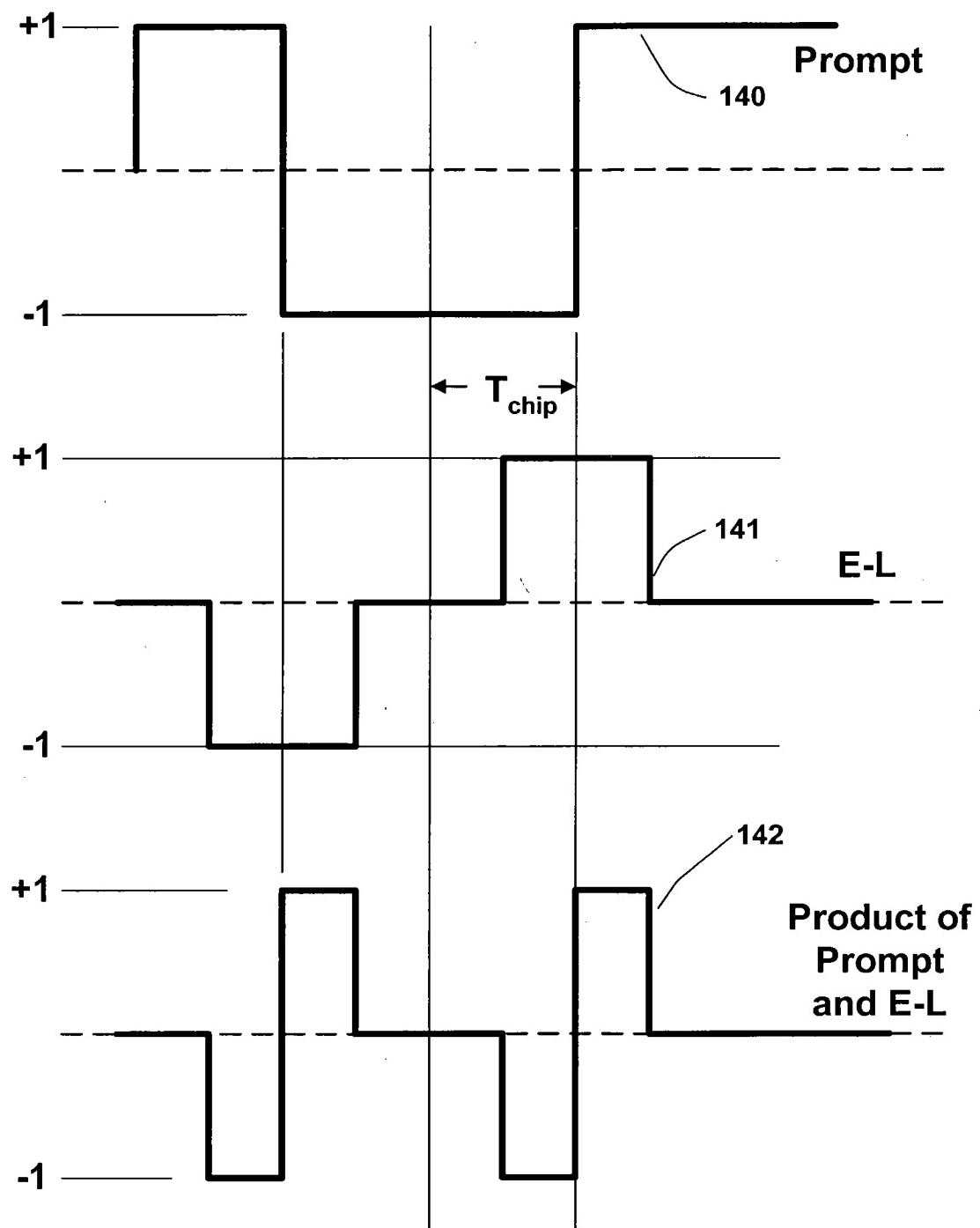


FIG. 6

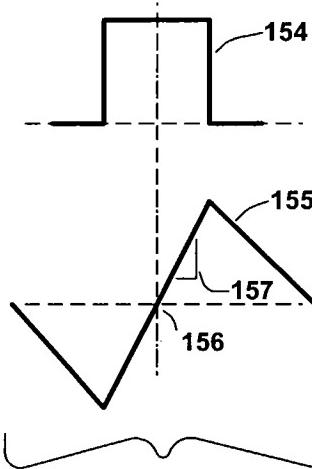
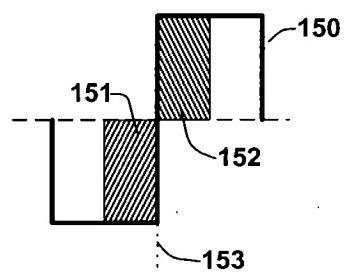


FIG. 7A

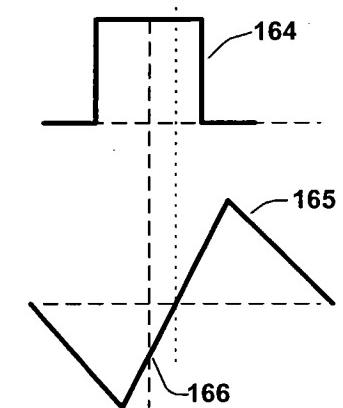
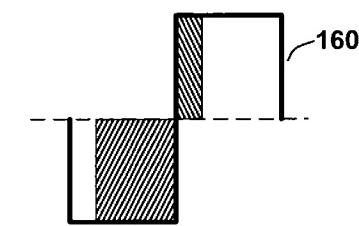


FIG. 7B

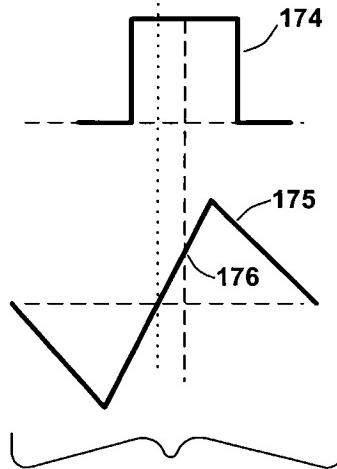
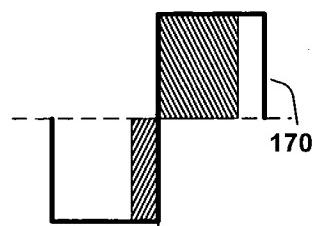


FIG. 7C

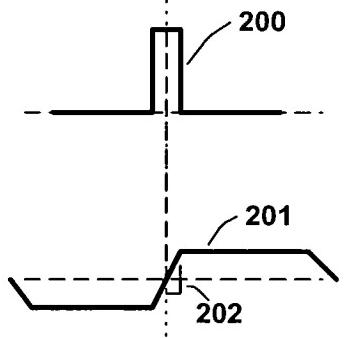
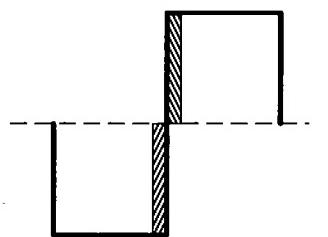


FIG. 8A

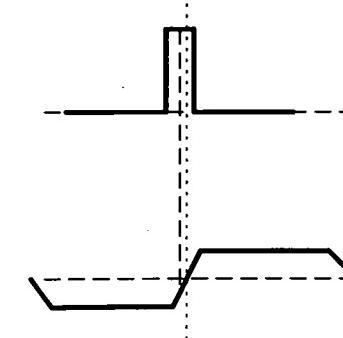
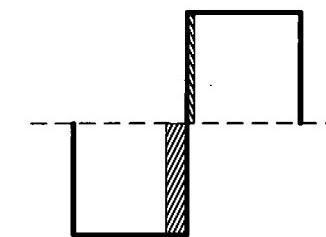


FIG. 8B

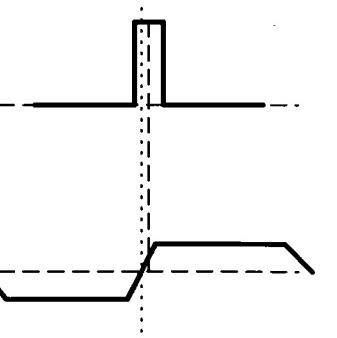
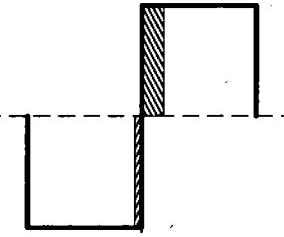


FIG. 8C

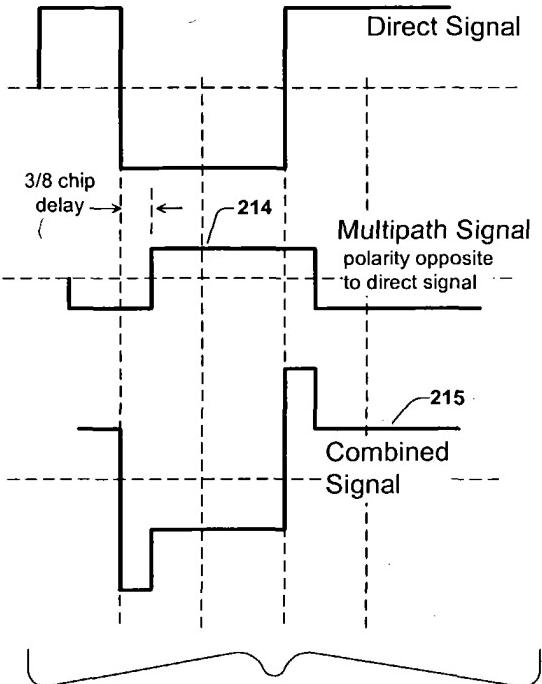
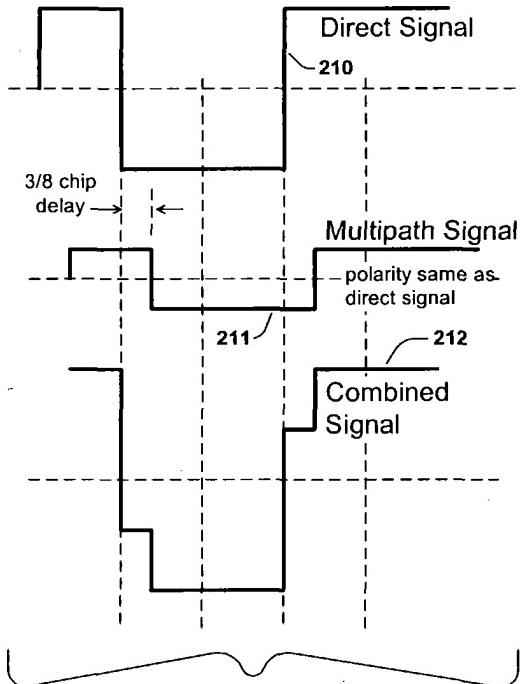


FIG. 9A

FIG. 9B

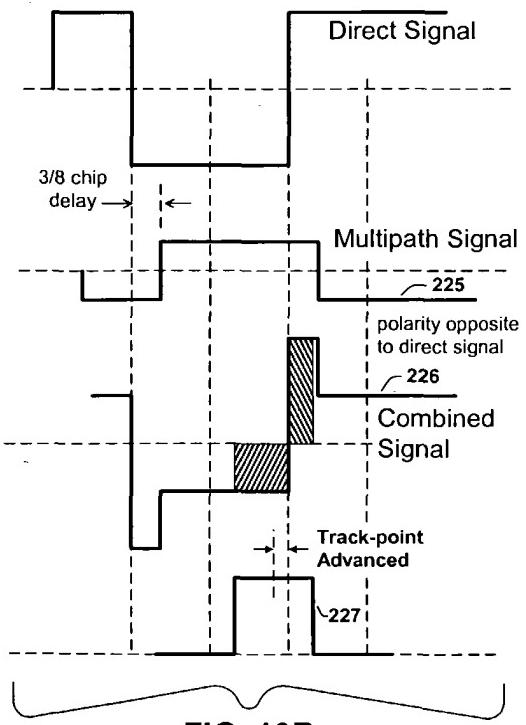
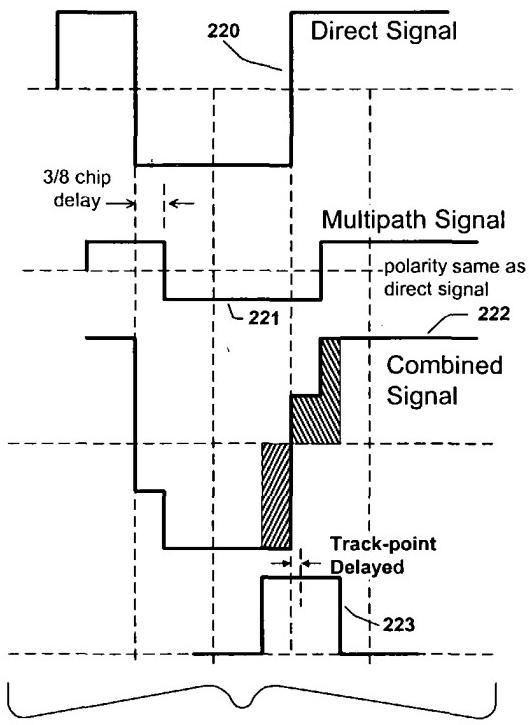


FIG. 10A

FIG. 10B

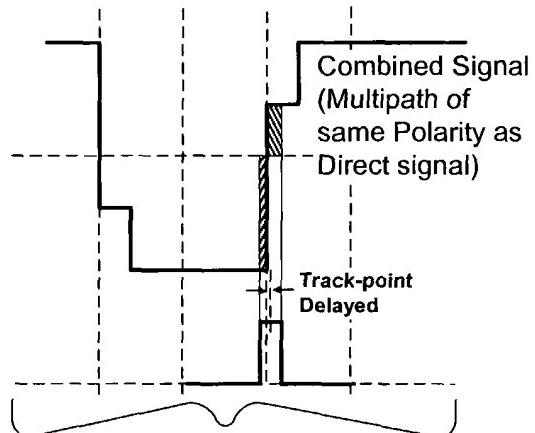


FIG. 11A

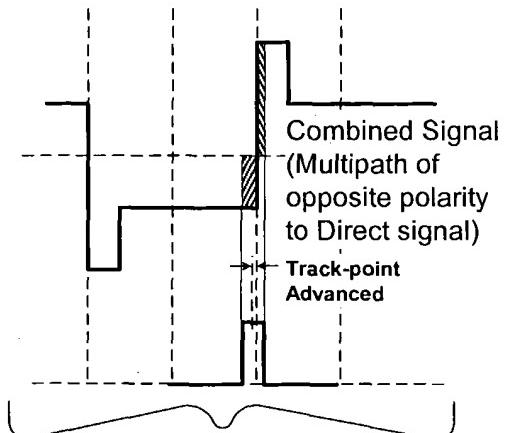


FIG. 11B

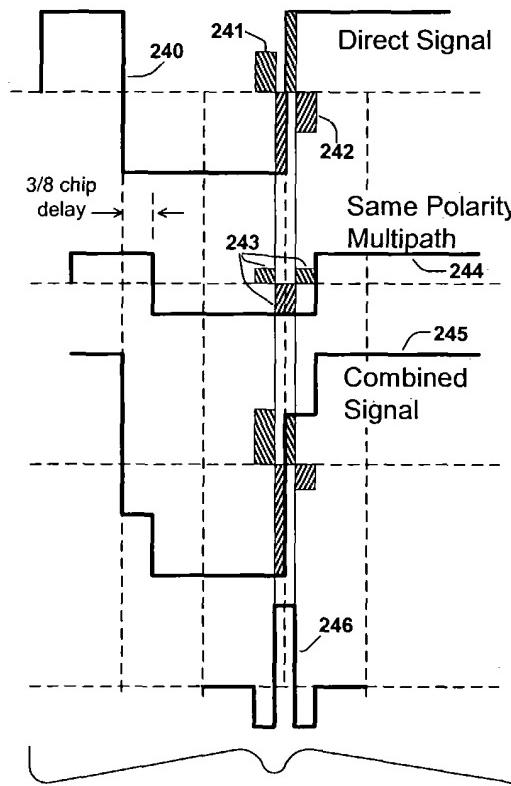


FIG. 12A

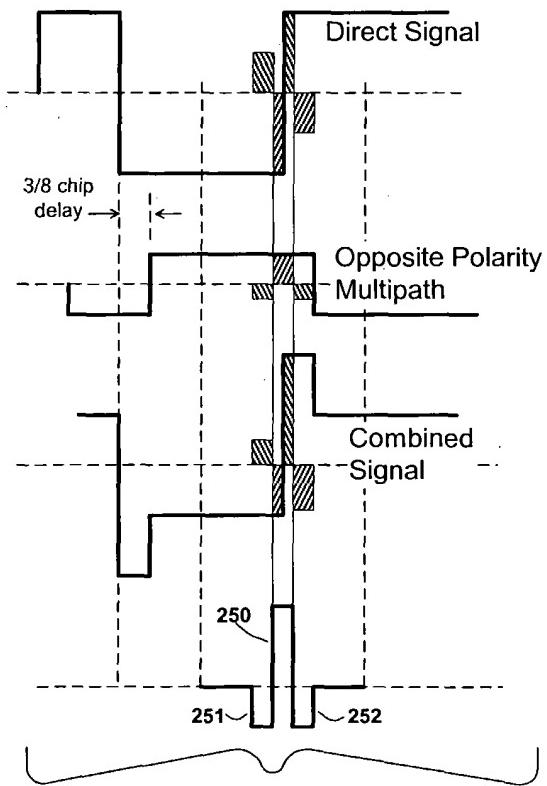


FIG. 12B

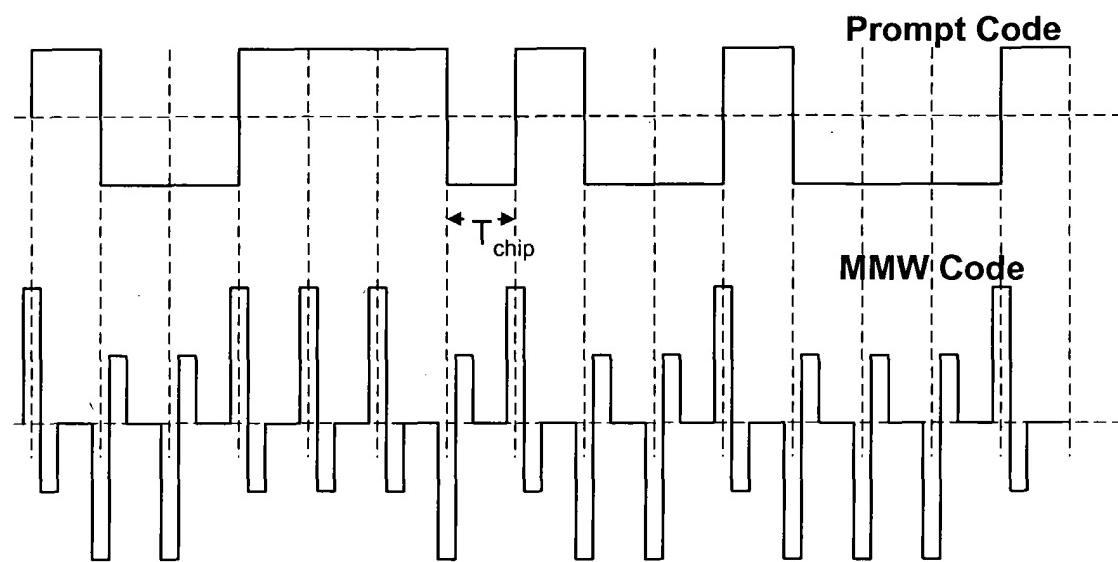


FIG. 13

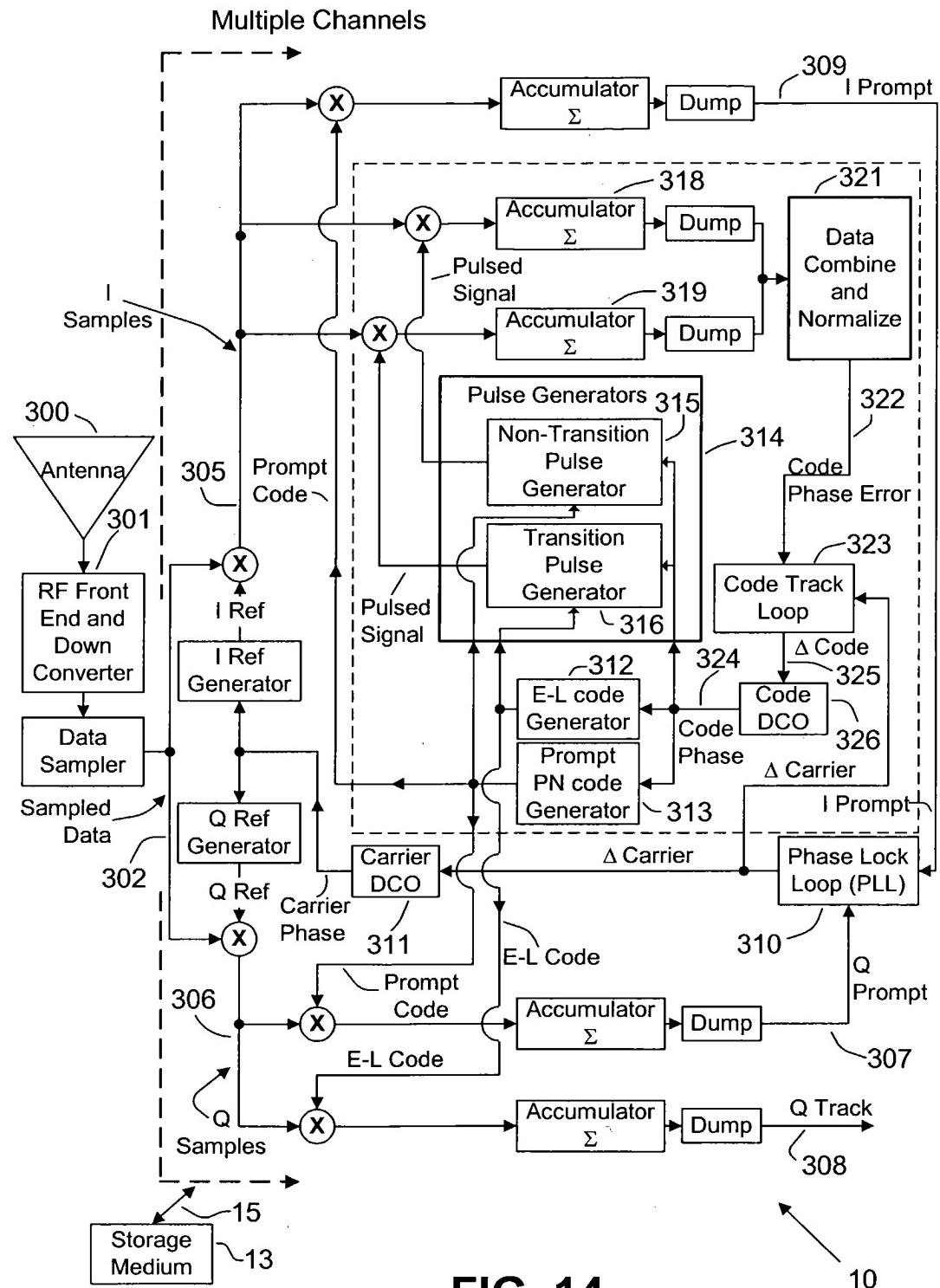


FIG. 14

| Clock-Edge Events within the 1023 chip-length C/A code of GPS | | | | | | | |
|---|----------------------------|-----|------------------------------|-----|---|--|-----------------------------------|
| PRN | Total Non-Transitions (Nn) | | Total Level Transitions (Nt) | | Total L-H and H-L Polarity Transitions (Nt) | Total L-L and H-H Non Transitions (Nn) | Difference (previous two columns) |
| | L-L | H-H | L-H | H-L | | | |
| 1 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 2 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 3 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 4 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 5 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 6 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 7 | 272 | 271 | 240 | 240 | 480 | 543 | -63 |
| 8 | 240 | 239 | 272 | 272 | 544 | 479 | 65 |
| 9 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 10 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 11 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 12 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 13 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 14 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 15 | 272 | 271 | 240 | 240 | 480 | 543 | -63 |
| 16 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 17 | 272 | 271 | 240 | 240 | 480 | 543 | -63 |
| 18 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 19 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 20 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 21 | 272 | 271 | 240 | 240 | 480 | 543 | -63 |
| 22 | 240 | 239 | 272 | 272 | 544 | 479 | 65 |
| 23 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 24 | 272 | 271 | 240 | 240 | 480 | 543 | -63 |
| 25 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 26 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 27 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 28 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 29 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 30 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 31 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |
| 32 | 256 | 255 | 256 | 256 | 512 | 511 | 1 |

FIG. 15

L-H Transition

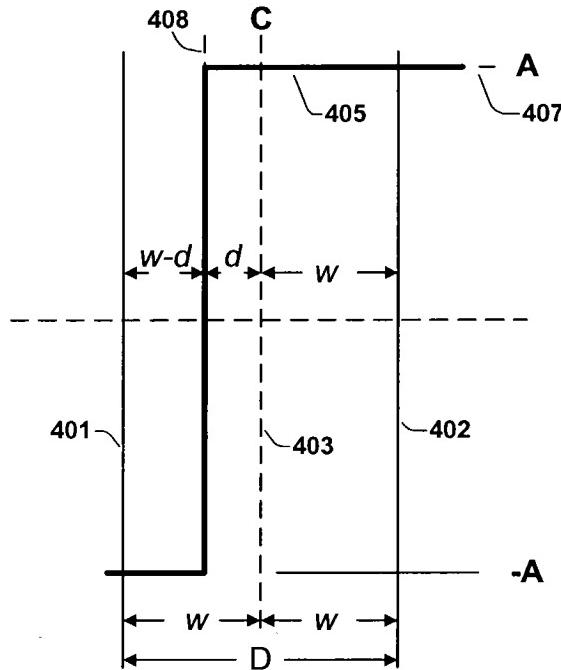


FIG. 16A

H-L Transition

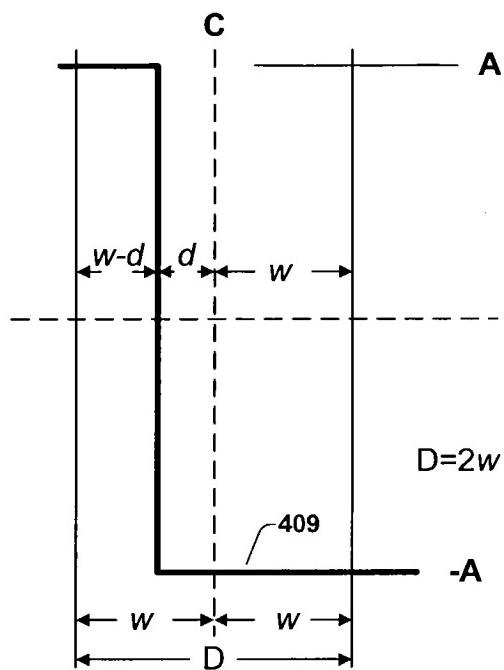


FIG. 16B

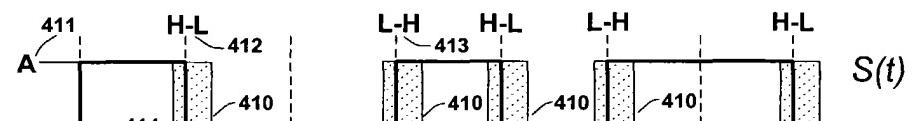


FIG. 17A

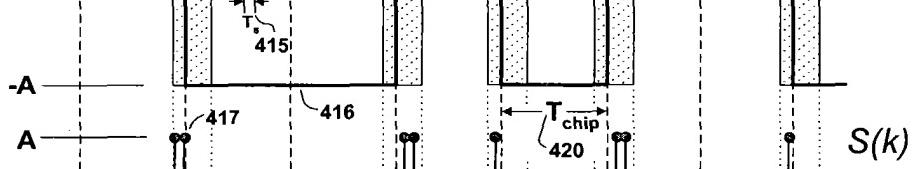


FIG. 17B

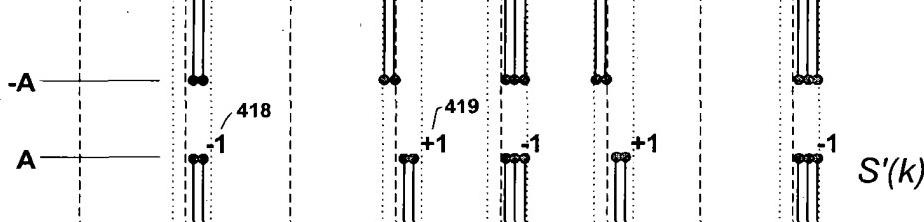
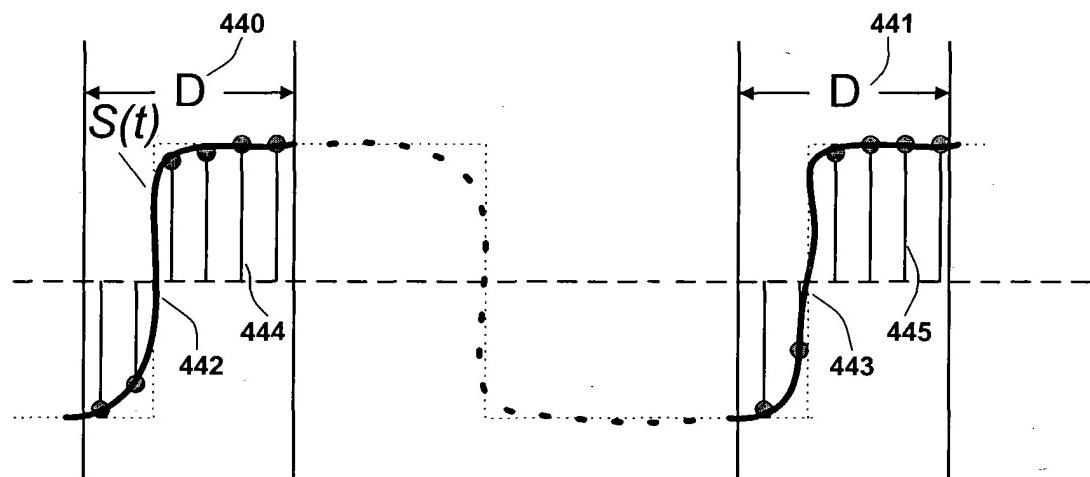
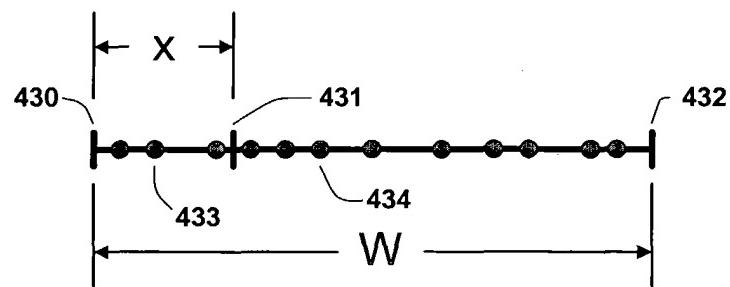


FIG. 17C





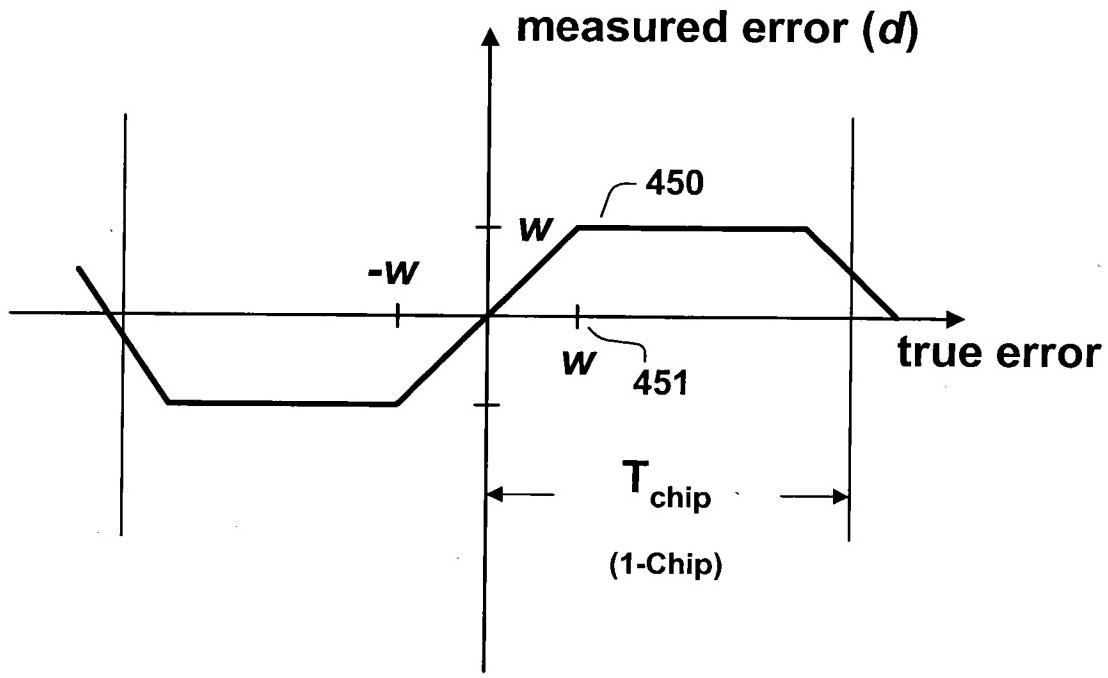


FIG. 20

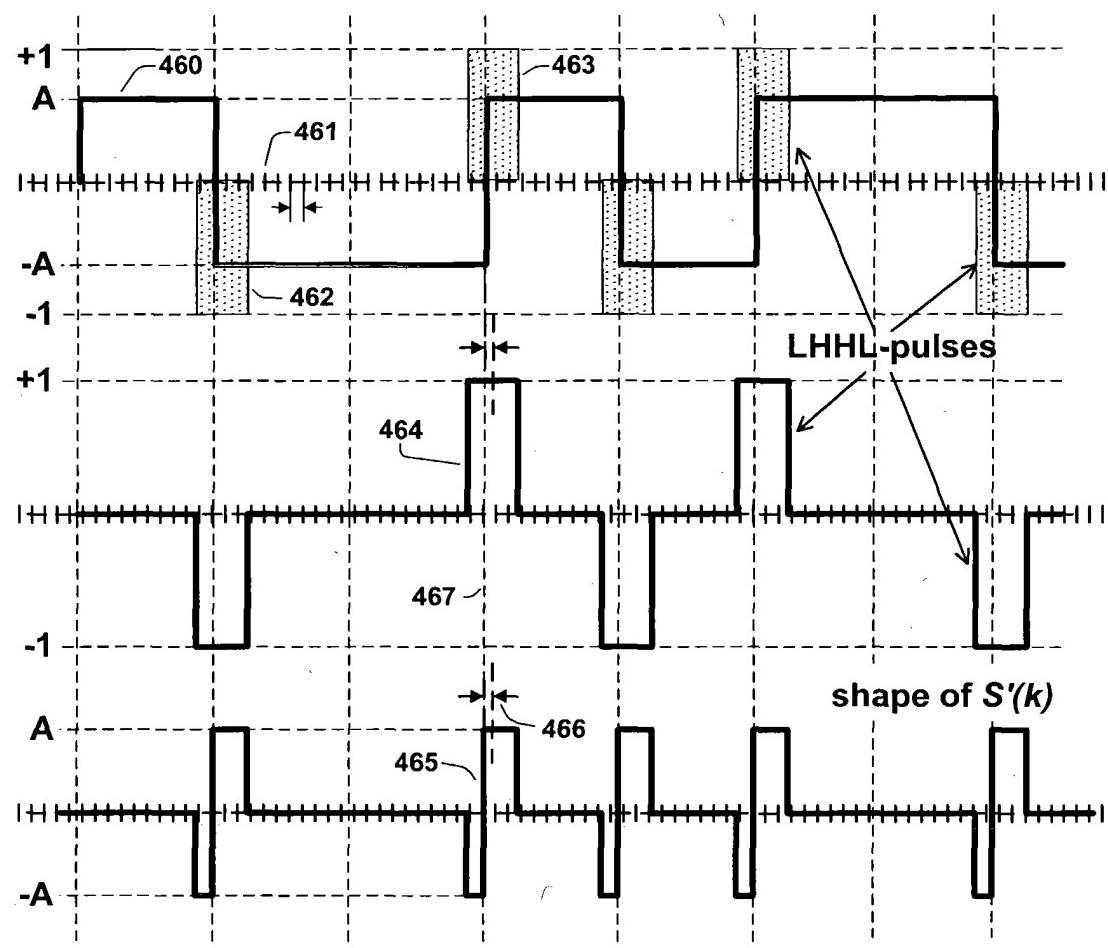
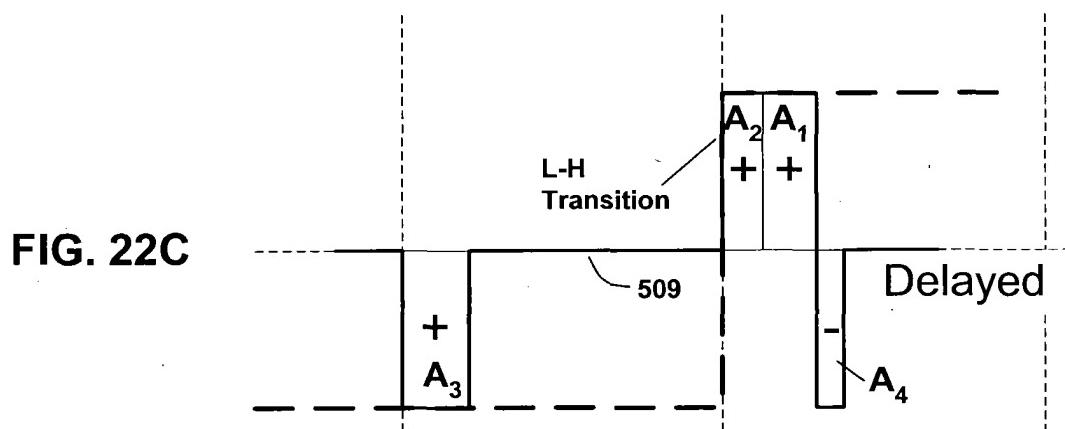
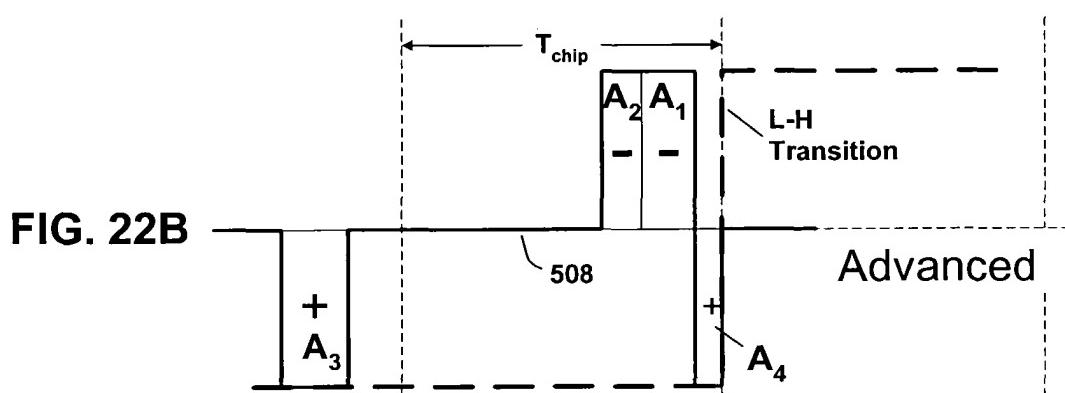
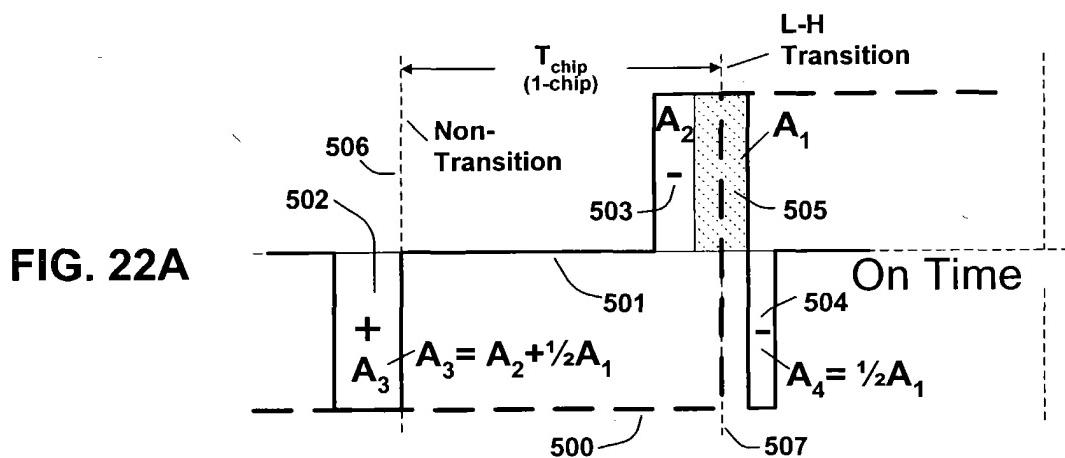
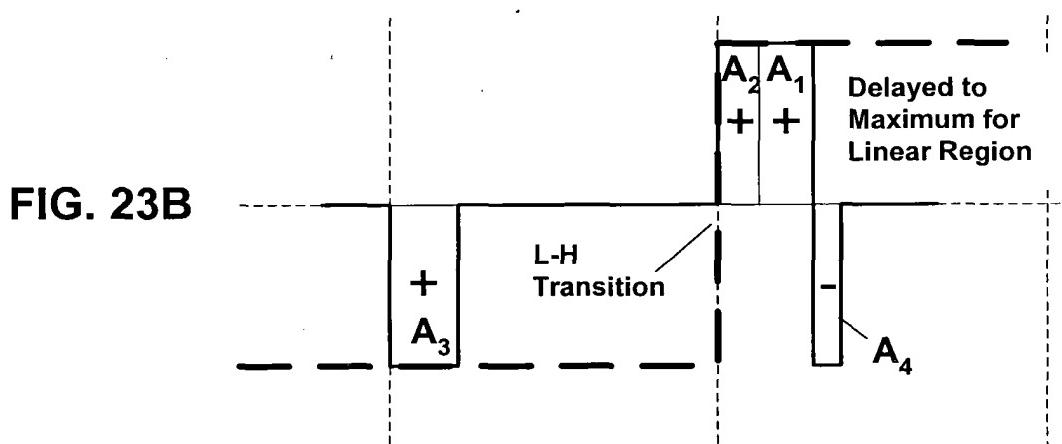
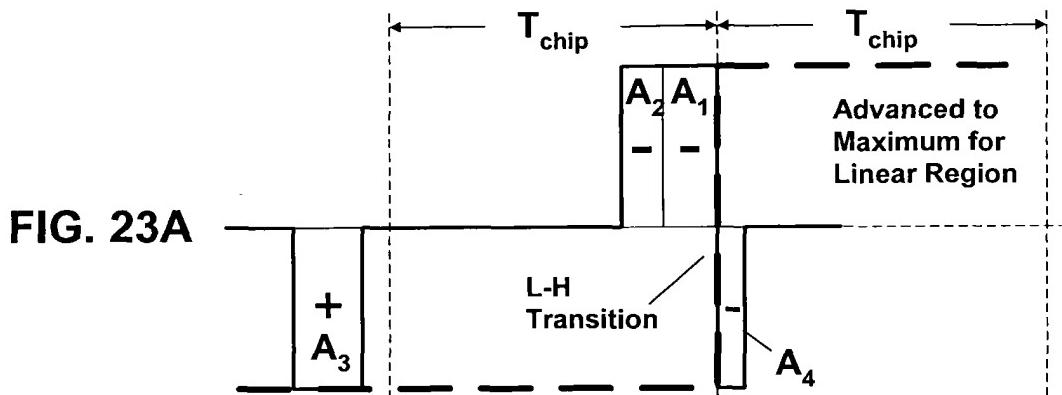


FIG. 21





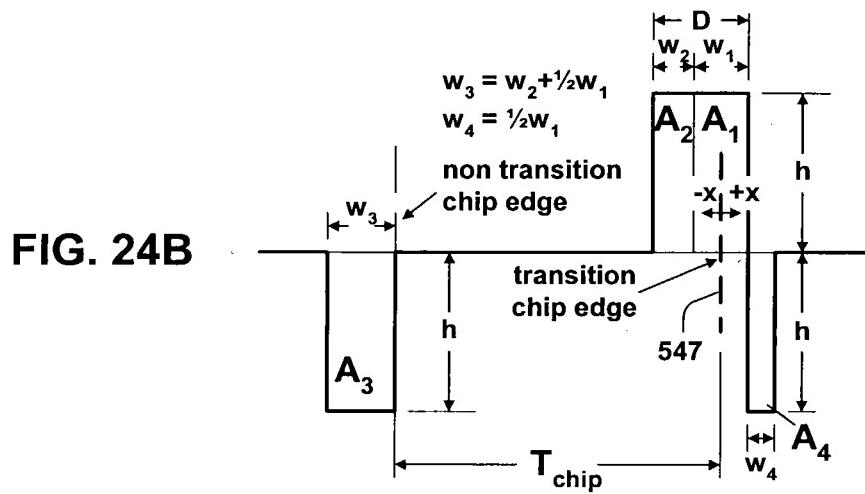
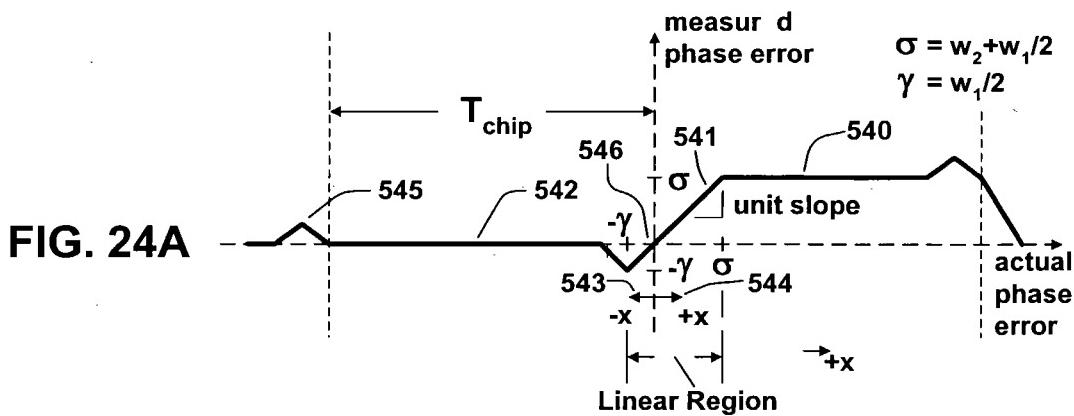


FIG. 25A

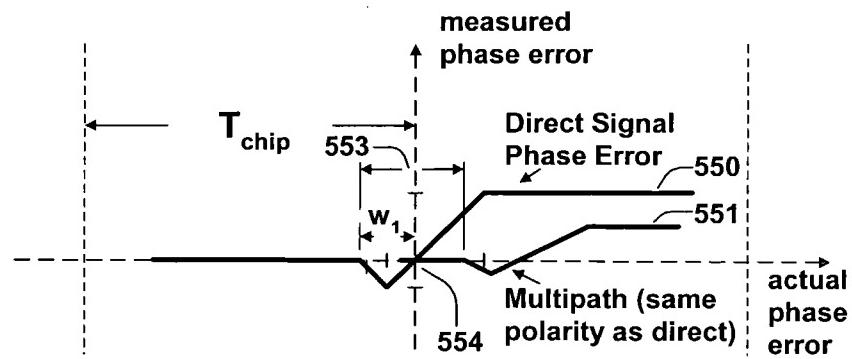


FIG. 25B

